AANA Journal

Volume 66
1998 AANA Journal Index

The following is an index of the major topics addressed in the *AANA Journal* during 1998. The index is alphabetized according to headings, and entries appear in chronological order within the headings. Author and subject indexes are integrated.

A

AANA Foundation Poster Session abstracts presented at the Poster Session of the 1997 Assembly of School Faculty in Tampa, Florida; the 1998 Assembly of School Faculty in Fort Lauderdale, Florida; and the 1998 Annual Meeting in Nashville, Tennessee.

1. Morphine versus ketorolac for treatment of acute postoperative pain in lumbar laminectomy patients (Penny A. Beckham, Timothy L. Smith), 485
2. Quantification of insensible water loss associated with insufflation of dry carbon dioxide gas in patients undergoing laparoscopic surgery (Andrew R. Biegner, Ronald L. Olson, Harry F. Meyers, Donald Anderson, Charles A. Vacchiano), 485
3. Remifentanil and fentanyl concentrations in follicular fluid during transvaginal oocyte retrieval (Jody L. Bovenschen, Keith A. Lawrence, Mostafa Abuzeid, Hussein Salem, Mohamed Sasy, Mary Lou Jones, Mohan Achwal, Francis Gerbasi, Harland Verrill), 486
4. Cardiovascular-thoracic clinical education design (Sharon R. Brandt, Shirley A. Wienk), 487
5. The impact of a managed care environment on certified registered nurse anesthetists (Laura M. Brinkman), 487
6. Determining the effectiveness of the Vital Signs, Inc., HEPA Filter and Hygroscopic Condenser Humidifier (HCH)/Filter Model #5710 as a bidirectional barrier to the transmission of bacteria during inhalation anesthesia (David Michael Buckeridge, Richard Baumgarten, Patrick Quinn, JoAnne Cafarelli, Sue Burns), 488
7. Leak rate that occurs in latex versus nonlatex gloves after tearing adhesive tape (Jana S. Chrumka, Paul J. Buffa, Karen Zaglaniczny), 488
8. Onset and duration of action of cisatracurium in postpartum women (Diane P. Dayton, Michelle A. Navarrette, Michelle E. Gold, Ronald L. Katz), 489
9. The effects of dilution on the onset of rocuronium (Jay F. Dingbaum, Danette Cruthrids, Kendall Miller), 490
10. Clinical practice profile of Certified Registered Nurse Anesthetists in Arkansas and Mississippi (James P. Embrey, Elizabeth L. King, Carolyn F. Dean, Meridith L. Farina, Kelly K. Sweet, John T. Beeston, III), 490
11. Stethoscope hygiene: A potential vector of nosocomial infections (James P. Embrey, Lisa B. Ziegler, Ronald L. Sauer), 491
12. A study review identifying intraoperative physiological parameters and their relationship to the survival of the trauma patient (Emmylou Enriquez, Karen Crawforth), 492
13. The utilization of full body patient simulation: A preferred method to prepare anesthesia providers in the management of select untoward pathophysiologic events (Michael D. Fallacaro), 492
14. The effectiveness of 5-hydroxytryptamine type 3 (5 HT3) receptor antagonists in the treatment of intrathecal narcotic-induced pruritus: Ondansetron versus naloxone (Laura E. Francis, Stephen R. Fretch, Richard K. Hanisch, Randy J. Landry), 493
15. A comparison of effectiveness of standard versus rotation laryngeal mask airway (LMA) insertion technique (Mei Mei Giang, Elaine White, John Nagelhout, Beth Keely), 493
16. The effect of alkalinization on the speed of onset of ropivacaine for epidural cesarean section: A descriptive analysis (Marcus A. Gardiner, Craig M. Mastracci, Colleen Dargie, Patrick Quinn, Allan T. Jarvis), 494
17. How Certified Registered Nurse Anesthetists perceive themselves as nurses (Linda Sue Greenfield), 495
18. Nurse anesthesia training in transesophageal echocardiography: An educational program (Valdor L. Haglund, Jr., Barbara A. Grover, Joanne L. Rush, Lauren L. Peterson), 495
19. Comparison of thiopental and propofol for laryngeal mask airway insertion (Shelly L. Ivy, Constant C. Crobin, Romina Sy, Amelia Alcantara, Parvinder Singh, Wynne R. Waugaman, Ronald Katz), 496
20. Registered nurses' knowledge and administration of conscious sedation (Michael Jackson), 496
21. The addition of ketorolac to lidocaine intravenous regional block of the upper extremity (Curtis N. Johnson, Louis J. Heindel, R. Lee Olson, Charles A. Vacchiano, Alexander Y. Shin), 497
22. Differentiating personality styles of nurse anesthetists and nurse practitioners (Janet M. Jolly, John B. Jolly), 498
23. Members' input to the AANA Foundation - Mission and Vision Survey (Lorraine M. Jordan, Terri Gens), 498
24. CRNA Managers Survey results (Lorraine M. Jordan, Wynne R. Waugaman), 498
25. A description of anesthesia personnel characteristics in United States Army medical treatment facilities (Jessetta K. Joswick, Maura S. McAuliffe, E. Jane McCarthy, Eugene Levine), 499
26. A study of the efficacy of ketorolac in prevention of post-intubation sore throat: Comparing women versus men (Wendy G. Lackey, R. Stephen Dorsey), 499

27. Preincisional ketamine: Is the analgesic effect dose-dependent in ambulatory surgery procedures? (Steven C. Ladson, Masud Imran, Mary Golinski, James Scarsella), 500
28. Using progesterone to determine an association of menstrual cycle phase with clinically significant postoperative nausea, retching, and vomiting following laparoscopic surgery (Patti A. Lederer, Naomi Childres, Joel M. Ehler), 501
29. A propofol-based anesthetic for coronary artery bypass graft patients versus a nonpropofol-based anesthetic to determine the extubation time (Lisa R. Leto, Karen Zaglaniczny), 501
30. Knowledge of malignant hyperthermia among registered nurses in the surgical intensive care unit (Kanchana (Kitty) K. Liczkowski), 502
31. The occurrence of blood on laryngoscope blades (Lisa M. Loerlein, Debra L. Michalski, Robert C. Padilla, Petra D. Hurt, Ann M. Glime), 502
32. From nurse to nurse anesthetists: The influence of age and gender on career commitment (Donna J. Lohren, Wynne R. Waugaman), 503
33. A comparison of LMA and cuffed and uncuffed endotracheal tubes in preventing nitrous oxide emission during pediatric anesthesia (Steven V. Marshall, Mary J. Damery, Shawn A. Fryze, Hermant D. Desai, Suyra R. Thora, Francis R. Gerbasi), 503
34. The application of cricoid pressure (William B. Marshall), 504
35. An analysis of a nurse anesthesia program curriculum (E. Jane McCarthy, J. Robert Halliburton, Judy L. Ikirt, Maura S. McAuliffe, John P. McDonough, W. Patrick Monaghan, Donald D. Rigamonti), 504
36. Comparison of infiltration pain and the ability to decrease intravenous cannulation pain using three local anesthetic mixtures: A follow-up study (Scott D. McDannold, Eric R. Nelson, Sheryl L. Sawyer, Stephanie C. Stelter, Kelly E. Vroman), 505
37. Comparison of personality and addiction tendency in graduate students of nursing, nurse anesthesia, and patients in substance abuse treatment (John P. McDonough, Michael J. Carter, Timothy Smith), 505
38. A comparison of patient-controlled analgesia and epidural analgesia for postoperative pain control in the total knee replacement population (Lynn Miller, Kathryn Kiefer), 506
39. The incidence of pruritus during labor analgesia with intrathecal fentanyl and bupivacaine: A comparison of two doses of fentanyl (Charles H. Moore, Leslie A. Reese), 506
40. A comparison of oral ondansetron and metoclopramide as preoperative prophylaxis in the prevention of postoperative nausea and vomiting following laparoscopic surgery (Michele D. Mulraney, Michelle D. Murphy), 507
41. A comparison of intubating conditions using remifentanil and propofol with or without a neuromuscular blocker (Steven J. Novak, Jean E. Martin, Herbert J. Flachofsky, Michael J. Loughren, Timothy A. Newcomer), 508
42. Risk factors that may affect the visibility of nurse anesthesia education programs (Molly A. O'Hara, Denise Martin-Sheridan), 509
43. Effect of subarachnoid fentanyl on nausea during cesarean delivery (Cory R. Peterson, John W. Kirkwood, Felicia D. Boykins, Douglas E. Kircher, Jenni L. Reading), 509
44. Migration of unsecured laryngeal mask airways in 30 pediatric patients undergoing facial Candela® laser treatments (L.A. "Pete" Peterson, Carl L. Zamora, Tony A. Jimenez, Jeffrey M. Berman, Ray J. Nichols), 510
45. A descriptive study of the relationships between learning styles and demographic characteristics of student registered nurse anesthetists and Certified Registered Nurse Anesthetist clinical instructors in nurse anesthesia education programs (Diane Powe), 510
46. Assessment of circulatory response in third trimester hypertensive gravidas (W. Terry Ray), 511
47. Acute pain management services: What does the Air Force have to offer? (Carol L. Rayos, John P. McDonough, Barbara M. Sylvia, RN, Eugene Levine), 511
48. The analgesic effects of subhypnotic doses of propofol in human volunteers with experimentally induced tourniquet pain (Pat Riley, Michael Nick, Margaret Faut-Callahan, Susan Shott, Rick Hand), 512
49. Using auditory evoked potentials to improve the anesthesia provider's understanding of the anesthetic state (Timothy L. Smith, David Zapala, Carol L. Thompson, Tim Kelly), 512
50. Critical care nurses' knowledge and practice of neuromuscular blocking agent administration (Nancy Spreen), 513
51. Issues related to the movement of nurse anesthesia education programs into graduate programs (Kevin B. Vaughan, Jackie Clement, Wayne Ellis, Margaret Beaman, T. R. Carr), 513
52. The correlation between transmission pulse oximetry and reflectance oximetry in surgical patients (Rae Jean Venerable, David J. Dixon), 514
53. A description of the practice pattern characteristics of anesthesia care in small, medium, and large teaching and nonteaching medical treatment facilities in the Air Force (Rick L. Wade), 514
54. Knowledge and attitudes of Certified Registered Nurse Anesthetists toward postoperative pain management (Vonda K. Walker), 515
55. A comparison of lumbar and thoracic epidurals for postthoracotomy analgesia (James Williams, David Hoehn, Robert Kirk, Richard Reid), 515
56. Interactive evaluation in course and clinical instruction for a master's anesthesia program (Kathleen Wyatt, Kimberly Barber, Francis Gerbasi), 516
57. Reducing anxiety in parents prior to and during pediatric anesthesia induction (Ronald Zuwala, Alan Brown, Francis Gerbasi, Karen Selly, Eileen McKee, Andrea Price), 516

AANA Journal Course No. 17 1998 Evaluation Form, 198

AANA Journal Course No. 17 Examination Information-Update for nurse anesthetists, 196

AANA Journal Course No. 17 Examination-Update for nurse anesthetists (answer form), 197

AANA Journal Course No. 17 Examination-Update for nurse anesthetists (examination questions), 201

AANA Journal Course No. 17-Update for nurse anesthetists (examination answers), 407

AANA Journal Course:
Part VI-Diabetes mellitus: Overview and current concepts in anesthetic management, 65; Part I-A comprehensive review of remifentanil: The next generation opioid, 125 [see correction, 220]; Part II-Anesthesia for thoracic surgery: Lung separation, 253; Part III-Femoral nerve block and 3-in-1 block anesthesia, 367; Part IV-The preoperative pulmonary assessment: Is this patient at high risk for surgery? 467; Part V-ERR WATCH: Anesthesia crisis resource management from the nurse anesthetist's perspective, 595

Accreditation: see Education News, 113

Achilles tendon block:
A review of regional blocks for the foot, 82

Acute respiratory distress syndrome:
Liquid ventilation innovations in ventilatory management, 161

Addiction: see Management Briefs, 360

Advanced practice: see Practice Issues, 351

Advocacy: see Washington Scene, 19

Agonist: see AANA Journal Course: Part I, 125

Alcohol assessment (dermatome levels):
Assessing sensory blockade with alcohol and pinprick after subarachnoid block, 77

Ambulatory surgery:
A comparison of the recovery times of desflurane and isoflurane in outpatient anesthesia, 183

Analysis of curriculum: see Education News, 443

Andrews, Claire M.: see McRae-Bergeron, Cheryl E.

Andrews, J. Jeff: see *AANA Journal* Course: Part I, 125

Anesthesia costs:
Study of direct variable anesthesia costs in the dilatation and curettage patient, 385

Anesthesia crisis resource management: see *AANA Journal* Course: Part V, 595

Anesthesia mishap:
Anesthesia-related lawsuits in Maryland: CRNA and anesthesiologist claims, 394

Anesthesia providers: see Legal Briefs, 11; 107; see Guest Editorial, 575

Annual report data: see Education News, 338

Aortic surgery:
Anesthetic management of Takayasu's arteritis for extra-anatomic thoraco-abdominal aorto-aortic bypass: A case report, 187

Arab:
The Arab Muslim client: Implications for anesthesia, 304

Arm surgery:
Evaluation of the effects of the addition of morphine sulfate to a standard Bier block solution in peripheral arm surgery, 459

Arteritis:
Anesthetic management of Takayasu's arteritis for extra-anatomic thoraco-abdominal aorto-aortic bypass: A case report, 187

Ascariasis:
Ascaris lumbricoides: A case report, 88

Ascaris lumbricoides
Ascaris lumbricoides: A case report, 88

Ascaris lumbricoides: A case report, 88

Assault: see Legal Briefs, 221

Assessing sensory blockade with alcohol and pinprick after subarachnoid block, 77

Assessment, preoperative: see *AANA Journal* Course: Part IV, 467

Asystole:
Unexplained asystole during thoracotomy irrigation: A case report, 451

Atkins, Craig S.: see Books of Interest, 334

B

Bacteriostatic saline:
Intradermal bacteriostatic 0.9% sodium chloride containing the perservative benzyl alcohol compared with intradermal lidocaine hydrochloride 1% for attenuation of intravenous cannulation pain, 583

Barbee, Lisa: see Davis, Diane

Barber, Debra A.; Reeves-Viets, J.L.; Fox, Althea; Curling, Patrick: Anesthetic management of Takayasu's arteritis for extra-anatomic thoraco-abdominal aorto-aortic bypass: A case report, 187

Baroreceptor reflex:
Unexplained asystole during thoracotomy irrigation: A case report, 451

Battery: see Legal Briefs, 221

Benumoff, Jonathan L.: Interpretation of capnography, 169; see *AANA Journal* Course: Part II, 253

Biddle, Chuck: see Deatherage, Lindy

Bier block:
Evaluation of the effects of the addition of morphine sulfate to a standard Bier block solution in peripheral arm surgery, 459

Blocker, bronchial (device): see *AANA Journal* Course: Part II, 253

Blumenreich, Gene A.: see Legal Briefs, 11; 107; 221; 435; 541

Books of Interest:
Nurse Anesthesia (reviewer: Debra A. Goldstein), 195; *The Laryngeal Mask Airway: A Review and Practical Guide* (reviewer: David Ferson), 220; *Fiberoptic Endoscopy and the Difficult Airway* (reviewer: Craig S. Atkins), 334; *Comprehensive Postanesthesia Care* (reviewer: Rex A. Marley), 457; *Simulators in Anesthesiology Education* (reviewer: Michael D. Fallacaro), 565

Borchardt, Marc: see Letters, 332

Bradford, Billie C.: see Reimbursement News, 35

Breathing circuit, securing: see Letters, 332

Bronchial blocker (device): see *AANA Journal* Course: Part II, 253

Broselow pediatric resuscitation tape:
Pediatric endotracheal tube selection: A comparison of age-based and weight-based criteria, 299

Brunner, Marguerite: see Education News, 338

Bupivacaine:
Assessing sensory blockade with alcohol and pinprick after subarachnoid block, 77; A review of regional blocks for the foot, 82; The effect of epidural analgesia on the second stage of labor, 177

Bypass procedures:
Anesthetic management of Takayasu's arteritis for extra-anatomic thoraco-abdominal aorto-aortic bypass: A case report, 187

C

Candidate satisfaction: see Guest Editorial, 553

Campaigns: see Washington Scene, 345; 547

Capnogram:
Interpretation of capnography, 169

Carbon dioxide:
Interpretation of capnography, 169

Ceremuga, Thomas E.; Gelinas, Elizabeth A.; Gonzales, Janice L.; Ramos-Alarilla, Joann M.: Evaluation of the effects of the addition of morphine sulfate to a standard Bier block solution in peripheral arm surgery, 459

Cervical dilation:
The effect of epidural analgesia on the second stage of labor, 177

Chemical dependency: see Management Briefs, 360

Chronic inflammatory disease:
Anesthetic management of Takayasu's arteritis for extra-anatomic thoraco-abdominal aorto-aortic bypass: A case report, 187

Clinical practice guidelines: see Guest Editorial, 575

Combined spinal epidural:
Spinal and combined spinal epidural techniques for labor analgesia: Clinical application in a small hospital, 587

Computers: see Management Briefs, 29

Congress: see Washington Scene, 547

Conover, Jana: see Practice Issues, 351

Content validation studies:
Guest editorial: A report on the Council on Certification 1996 Professional Practice Analysis, 43

Conversion factors: see Reimbursement News, 35

Correction:
AANA Journal Course No. 18, Part I, 220; Assessment of circulatory response in thrid trimester hypertensive gravidas (abstract), 433

Cost factors:
see *AANA Journal* Course: Part I, 125; Study of direct variable anesthesia costs in the dilatation and curettage patient, 385

Cost-benefit analysis:
An economic analysis of the investment in nurse anesthesia education, 153

Council for Public Interest in Anesthesia, official listing of members, 604

Council on Accreditation:
see Education News, 113; List of programs to be reviewed during fiscal year 1999, 207; see Education News, 241; see Practice Issues, 351

Council on Accreditation: Official listing of members, Recognized educational programs, 605

Council on Certification of Nurse Anesthetists:
Guest editorial: A report on the Council on Certification 1996 Professional Practice Analysis, 43; official listing of members, 603

Council on Recertification, 603

Covenant not to compete: see Legal Briefs, 541

CPT anesthesia codes: see Reimbursement News, 35

CRNA practice: see *AANA Journal* course: Part V, 595

Cuddeford, James D: see *AANA Journal* Course: Part III, 367

Curling, Patrick: see Barber, Debra A.

Current Procedural Terminology Codes: see Reimbursement News, 35

Curriculum: see Education News, 443

D

Davis, Diane; Barbee, Lisa; Ririe, Douglas: Pediatric endotracheal tube selection: A comparison of age-based and weight-based criteria, 299

Deatherage, Lindy; Biddle, Chuck: Liquid ventilation innovations in ventilatory management, 161

Deep peroneal nerve:
A review of regional blocks for the foot, 82

Democrats: see Washington Scene, 345

Dependency, chemical: see Management Briefs, 360

Dermatome levels:
Assessing sensory blockade with alcohol and pinprick after subarachnoid block, 77

Desflurane:
A comparison of the recovery times of desflurane and isoflurane in outpatient anesthesia, 183; Study of direct variable anesthesia costs in the dilatation and curettage patient, 385

Diabetes mellitus: see *AANA Journal* Course: Part VI, 65

Diagnostic dilatation and curettage: Study of direct variable anesthesia costs in the dilatation and curettage patient, 385

Diagnostic testing: see *AANA Journal* Course: Part IV, 467

Differential lung ventilation: see *AANA Journal* Course: Part II, 253

Digital block:
A review of regional blocks for the foot, 82

Dilatation and curettage: Study of direct variable anesthesia costs in the dilatation and curettage patient, 385

Direction for single procedure: see Reimbursement News, 35

Discharge criteria:
A comparison of the recovery times of desflurane and isoflurane in outpatient anesthesia, 183

Distance education: see Education News, 113

Doctoral degree: see Education News, 287

Documentation: see Legal Briefs, 435

Double-lumen tube: see *AANA Journal* Course: Part II, 253

Duty of care: see Legal Briefs, 221

E

Economics:
An economic analysis of the investment in nurse anesthesia education, 153

Education funding: see Washington Scene, 229

Education:
see Education News, 113; An economic analysis of the investment in nurse anesthesia education, 153; see Washington Scene, 229; see Education News, 287; see Education News, 338; see Education News, 443

Education News:
Distance education and accreditation, 113; Final report: Council on Accreditation project-Nurse anesthesia educational requirements and mobility between North American Free Trade Agreement countries, 241; Feasibility of a doctoral degree for nurse anesthetists, 287; Nurse anes-

thesia educational programs, 1991-1997, 338; An analysis of a nurse anesthesia program curriculum by decomposition, 443; Inspiring teaching, 559; Nurse anesthetist malpractice and the National Practitioner Data Bank, 567

The effect of epidural analgesia on the second stage of labor, 177

El-Azhary, Rokea A.: see Sheets, Donna L.

Elderly patients: see *AANA Journal* Course: Part I, 125

Elections: see Washington Scene, 345

Elswick, Don: see Letters, 433

Emergence:
A comparison of the recovery times of desflurane and isoflurane in outpatient anesthesia, 183

Employment: see Legal Briefs, 541

Endocrine disorders: see *AANA Journal* Course: Part VI, 65

Endotracheal intubation:
Ascaris lumbricoides: A case report, 88; Pediatric endotracheal tube selection: A comparison of age-based and weight-based criteria, 299; see Letters, 332

End-tidal carbon dioxide:
Interpretation of capnography, 169

Entry into practice: see Education News, 287

Epidural analgesia:
The effect of epidural analgesia on the second stage of labor, 177

ERR WATCH: see *AANA Journal* course-Part V, 595

Evaluation of the effects of the addition of morphine sulfate to a standard Bier block solution in peripheral arm surgery, 459

Evidence-based practice: see Guest Editorial, 575

F

Fagerlund, Kathleen A.: An economic analysis of the investment in nurse anesthesia education, 153

Failure: see On Leadership, 481

Fallacaro, Michael D.: see Books of Interest, 565

Fee schedule: see Reimbursement News, 35

Femoral nerve block: see *AANA Journal* Course: Part III, 367

Fentanyl: see *AANA Journal* Course: Part I, 125

Ferson, David: see Books of Interest, 220

Fletcher, Joanne L.: see *AANA Journal* Course: Part V, 595

Fox, Althea: see Barber, Debra A.

Frels, Lois: see Education News, 241

G

Gelinas, Elizabeth A.: see Ceremuga, Thomas E.

Geographic mobility: see Education News, 241

Goldstein, Debra A.: see Books of Interest, 195

Gonzales, Janice L.: see Ceremuga, Thomas E.

Grant program: see Washington Scene, 229

Grassroots: see Washington Scene, 19

Grover, Barbara A.; Rush, Joanne Muzyka; Servoss Michael M.: Assessing sensory blockade with alcohol and pinprick after subarachnoid block, 77

Guest Editorial: A report on the Council on Certification 1996 Professional Practice Analysis, 43; A Council on Certification of Nurse Anesthetists report on the candidate satisfaction survey for the national certification examination,553; A critique of Michael L. Millenson's book, *Demanding Medical Excellence: Doctors and Accountability in the Information Age,* and its relevance to CRNAs and nursing, 575

Graduate education: see Education News, 559

Gunn, Ira P.: see Guest Editorial, 575

H

Haas, Richard E.: see Letters, 332

Halliburton, J. Robert: see Education News, 443

Harris, Lori G.: Spinal and combined spinal epidural techniques for labor analgesia: Clinical application in a small hospital, 587

HCFA: see Reimbursement News, 35

Healey, Thomas: see Guest Editorial, 43

Health Care Financing Administration: see Reimbursement News, 35

Health Professions Education Partnership Act of 1998: see Washington Scene, 229

Health risks:
Hazards of nitrous oxide exposure in healthcare personnel, 390

Healthcare: see On Leadership, 146, 481

Henry, Beverly: see McAuliffe, Maura S.

Hepatic disease: see *AANA Journal* Course: Part I, 125

Hess, John: A review of regional blocks for the foot, 82

Hofer, Roger E.: see Meyer-McCright, Anne

Horton, Betty J.: see Education News, 338

Howie, William O.: Anesthesia-related lawsuits in Maryland: CRNA and anesthesiologist claims, 394

Hudson, Sandra: see Management Briefs, 360

Hyperbaric bupivacaine subarachnoid block:
Assessing sensory blockade with alcohol and pinprick after subarachnoid block, 77

Hypoglycemia: see *AANA Journal* Course: Part VI, 65

Hypoglycemic agents: see *AANA Journal* Course: Part VI, 65

I

Ikirt, Judy L.: see Education News, 443

Index to Advertisers: 96; 208; 320; 424; 528

Inflammation:
Anesthetic management of Takayasu's arteritis for extra-anatomic thoraco-abdominal aorto-aortic bypass: A case report, 187

Information for Authors: 40; 148; 272; 376; 483

Information management and technology: see Management Briefs, 29

Informed consent: see Legal Briefs, 221

Inguinal paravacsular block: see *AANA Journal* Course: Part III, 367

International issues: see Education News, 241; Survey of nurse anesthesia practice, education, and regulation in 96 countries, 273

Internet transmission: see Education News, 338

Interstate compacts: see Practice Issues, 351

Intradermal anesthesia:
Intradermal bacteriostatic 0.9% sodium chloride containing the perservative benzyl alcohol compared with intradermal lidocaine hydrochloride 1% for attenuation of intravenous cannulation pain, 583

Intradermal bacteriostatic 0.9% sodium chloride containing the perservative benzyl alcohol compared with intradermal lidocaine hydrochloride 1% for attenuation of intravenous cannulation pain, 583

Intravenous cannulation:
Intradermal bacteriostatic 0.9% sodium chloride containing the perservative benzyl alcohol compared with intradermal lidocaine hydrochloride 1% for attenuation of intravenous cannulation pain, 583

Islam:
The Arab Muslim client: Implications for anesthesia, 304

Isoflurane:
A comparison of the recovery times of desflurane and isoflurane in outpatient anesthesia, 183; Study of direct variable anesthesia costs in the dilatation and curettage patient, 385

J

Jordan, Lorraine M.: see Education News, 287; see Education News, 567

K

Kerfoot, Karlene: see On Leadership, 146; 481

Ketoacidosis: see *AANA Journal* Course: Part VI, 65

Kremer, Michael J.: see *AANA Journal* Course: Part IV, 467

Kumor, Ronald: see Welliver, Mark

L

Labor (obstetrics):
The effect of epidural analgesia on the second stage of labor, 177

Labor analgesia:
Spinal and combined spinal epidural techniques for labor analgesia: Clinical application in a small hospital, 587

Laryngectomy: see Letters, 332

Leadership: see On Leadership, 146; 481

Legal action:
Anesthesia-related lawsuits in Maryland: CRNA and anesthesiologist claims, 394

Legal Briefs:
The overlap between the practice of medicine and the practice of nursing, 11; Do surgeons get sued when they work with anesthesiologists? 107; Informed consent, 221; Positioning, padding, documentation, and the CRNA, 435; Nurse anesthetists in the middle: Covenants not to compete, 541

Legislators: see Washington Scene, 19; 547

Letters:
Endotracheal intubation, 332; Femoral nerve block and 3-in-1 block in anesthesia, 433; Response, 433; Foreign body in LMA-Fastrach, 537; Response, 537; Hyperbaric procaine for spinal anesthesia, 537; Regional anesthesia in Wegener's granulomatosis, 538

Liability: see Legal Briefs, 107

Licensing laws: see Legal Briefs, 11

Lidocaine:
A review of regional blocks for the foot, 82; Intradermal bacteriostatic 0.9% sodium chloride containing the perservative benzyl alcohol compared with intradermal lidocaine hydrochloride 1% for attenuation of intravenous cannulation pain, 583

Liquid ventilation innovations in ventilatory management, 161

Lobbying: see Washington Scene, 19

Lobectomy:
Unexplained asystole during thoracotomy irrigation: A case report, 451

Lung disease: see *AANA Journal* Course: Part IV, 467

Lung separation: see *AANA Journal* Course: Part II, 253

Lupe, Patricia J.: see McRae-Bergeron, Cheryl E.

M

μ opioid: see *AANA Journal* Course: Part I, 125

Malpractice:
see Legal Briefs, 107; Anesthesia-related lawsuits in Maryland: CRNA and anesthesiologist claims, 394; see Education News, 567

Managed care: Factors that influenced six nurse anesthesia programs to close, 377

Management Briefs:
Information technology: Meet the challenge, 29; Reentry using naltrexone: One anesthesia department's experience, 360

Marley, Rex A.: see Books of Interest, 457

Martin-Sheridan, Denise: Factors that influenced six nurse anesthesia programs to close, 377

Master's degree: see Education News, 287; see Practice Issues, 351

McAuliffe, Maura S.; Henry, Beverly: Survey of nurse anesthesia practice, education, and regulation in 96 countries, 273

McAuliffe, Maura S.: see Education News, 443

McCarthy, E. Jane: see Education News, 443

McDonough, John P.: see Education News, 443

McNelis, Kathleen A.: Intradermal bacteriostatic 0.9% sodium chloride containing the perservative benzyl alcohol compared with intradermal lidocaine hydrochloride 1% for attenuation of intravenous cannulation pain, 583

McRae-Bergeron, Cheryl E.; Andrews, Claire M.; Lupe, Patricia J.: The effect of epidural analgesia on the second stage of labor, 177

Mechanical ventilation:
Liquid ventilation innovations in ventilatory management, 161

Medical practice: see Legal Briefs, 11; 107

Medical records: see Management Briefs, 29

Medicare physician fee schedule: see Reimbursement News, 35

Mentoring/mentorship: see On Leadership, 146; Education News, 559

Metabolic disorders: see *AANA Journal* Course: Part VI, 65

Meyer-McCright, Anne; Hofer, Roger E.; Tarhan, Sait: Study of direct variable anesthesia costs in the dilatation and curettage patient, 385

Mishap, anesthetic:
Anesthesia-related lawsuits in Maryland: CRNA and anesthesiologist claims, 394

Mobility, international: see Education News, 241
Monoghan W. Patrick: see Education News, 443
Moos, Daniel D.: see *AANA Journal* Course: Part III, 367; see Letters (Response), 433
Morphine sulfate:
Evaluation of the effects of the addition of morphine sulfate to a standard Bier block solution in peripheral arm surgery, 459
Multiculturalism:
The Arab Muslim client: Implications for anesthesia, 304

N

Narcotic:
Spinal and combined spinal epidural techniques for labor analgesia: Clinical application in a small hospital, 587
NAFTA: see Education News, 241
Naltrexone: see Management Briefs, 360
National certification examination: see Guest Editorial, 43
National certification examination performance: see Guest Editorial, 553
National Practitioner Data Bank: see Education News, 567
Negligence: see Legal Briefs, 221
Nitrous oxide:
Hazards of nitrous oxide exposure in healthcare personnel, 390
Norman, Peter: see Scherbenske, Kelly J.
North American Free Trade Agreement: see Education News, 241
Nurse anesthesia accreditation: see Education News, 113
Nurse anesthesia education:
see Education News, 113; An economic analysis of the investment in nurse anesthesia education, 153; see Education News, 287; see Education News, 338; Factors that influenced six nurse anesthesia programs to close, 377; see Education News, 443; see Education News, 559
Nurse anesthesia practice:
see Legal Briefs, 11; 107; Survey of nurse anesthesia practice, education, and regulation in 96 countries, 273; see Education News, 287; Anesthesia-related lawsuits in Maryland: CRNA and anesthesiologist claims, 394
Nurse Education Act: see Washington Scene, 229
Nursing practice:
see Legal Briefs, 11; 107; Survey of nurse anesthesia practice, education, and regulation in 96 countries, 273

O

Obesity: see *AANA Journal* Course: Part I, 125; see *AANA Journal* Course: Part IV, 467
Obstetrics:
The effect of epidural analgesia on the second stage of labor, 177; Survey of nurse anesthesia practice, education, and regulation in 96 countries, 273
Occupational safety:
Hazards of nitrous oxide exposure in healthcare personnel, 390
On Leadership:
Leadership principles: Lessons learner, 146; Leadership: When success leads to failure, 481
One-lung ventilation: see *AANA Journal* Course: Part II, 253
Open seat election: see Washington Scene, 345
Opioid receptors:
Evaluation of the effects of the addition of morphine sulfate to a standard Bier block solution in peripheral arm surgery, 459
Opioids: see *AANA Journal* Course: Part I, 125
Oshel, Robert E: see Education News, 567
Outcomes:
Anesthesia-related lawsuits in Maryland: CRNA and anesthesiologist claims, 394
Oxytocin:
The effect of epidural analgesia on the second stage of labor, 177

P

Padding and positioning: see Legal Briefs, 435
Pain management:
see *AANA Journal* Course: Part I, 125; Survey of nurse anesthesia practice, education, and regulation in 96 countries, 273; Evaluation of the effects of the addition of morphine sulfate to a standard Bier block solution in peripheral arm surgery, 459
Pandit, Jaideep J.: see Letters, 538
Parasitic infection:
Ascaris lumbricoides: A case report, 88
Parasympathetic innervation:
Unexplained asystole during thoracotomy irrigation: A case report, 451
Partial liquid ventilation:
Liquid ventilation innovations in ventilatory management, 161
Patient outcomes: see Guest Editorial, 575
Patient safety: see *AANA Journal* Course—Part V, 595
Pediatric anesthesia:
see *AANA Journal* Course: Part I, 125; Liquid ventilation innovations in ventilatory management, 161; Pediatric endotracheal tube selection: A comparison of age-based and weight-based criteria, 299
Perflubron:
Liquid ventilation innovations in ventilatory management, 161
Perfluorchemical:
Liquid ventilation innovations in ventilatory management, 161
Politics: see Washington Scene, 19; 345; 547
Positioning and padding: see Legal Briefs, 435
Posterior tibial nerve:
A review of regional blocks for the foot, 82
Postoperative complications: see *AANA Journal* Course: Part IV, 467
Practice Issues:
State master's degree requirements for nurse anesthetists, 351
Prematurity:
Liquid ventilation innovations in ventilatory management, 161
Professional Practice Analysis:
Guest editorial: A report on the Council on Certification 1996 Professional Practice Analysis, 43
Program closure: Factors that influenced six nurse anesthesia programs to close, 377

Propofol: Study of direct variable anesthesia costs in the dilatation and curettage patient, 385

Psychomotor performance:
Hazards of nitrous oxide exposure in healthcare personnel, 390

Puckett, S. Deshlar: see *AANA Journal* Course: Part I, 125

Pulmonary disease: see *AANA Journal* Course: Part IV, 467

Pulmonary function testing: see *AANA Journal* Course: Part IV, 467

R

Ramos-Alarilla, Joann M.: see Ceremuga, Thomas E.

Recovery (addiction or dependency): see Management Briefs, 360

Recovery time:
A comparison of the recovery times of desflurane and isoflurane in outpatient anesthesia, 183

Reentry (addiction or dependency): see Management Briefs, 360

Reeves-Viets J. L.: see Barber, Debra A.

Regional accreditation: see Education News, 113

Regional anesthesia:
A review of regional blocks for the foot, 82; see *AANA Journal* Course: Part III, 367; Evaluation of the effects of the addition of morphine sulfate to a standard Bier block solution in peripheral arm surgery, 459

Regulations, state: see Practice Issues, 351

Reimbursement News:
HCFA issues 1998 anesthesia Medicare conversion factors: Anesthesia services receive 2.1% payment increase, 35

Relative value units: see Reimbursement News, 35

Remifentanil: see *AANA Journal* Course: Part I, 125

Renal disease: see *AANA Journal* Course: Part I, 125

A report on the Council on Certification 1996 Professional Practice Analysis, 43

Republicans: see Washington Scene, 345

Res ipsa loquitor: see Legal Briefs, 435

Research in Action abstracts presented at the 1998 Annual Meeting in Nashville, Tennessee:

1. A comparison of LMA: Cuffed and uncuffed endotracheal tubes in preventing nitrous oxide emission during pediatric anesthesia (Steven V. Marshall, Mary Damery, Shawn Fryzel, Hemant Desai, Surya Thota, Frances Gerbasi), 398
2. Neurophysiological effects of sevoflurane and midazolam on the auditory pathway: Are there implications for intraoperative awareness? (Timothy L. Smith, David Zapala, Carol L. Thompson, Tim Kelly), 399
3. Risk factors that may affect the viability of nurse anesthesia educational programs (Molly A. O'Hara, Denise Martin-Sheridan), 400
4. A comparison of personality and addiction tendency in graduate students of nursing, nurse anesthesia and substance abuse patients (John P. McDonough), 401
5. The application of cricoid pressure (William B. Marshall), 401
6. Using the human patient simulator to test the efficacy of an experimental emergency percutaneous transtracheal airway (Joe Sanders, Michael A. Geisler, Richard Haas, Alfred Lupien), 402
7. Sciatic nerve block for foot surgery: Single versus double injection technique (Stuart J. Gall, Richard White), 402
8. Reducing anxiety in patients prior to and during pediatric anesthesia induction (Ronald Zuwala), 403
9. Assessment of circulatory response in third trimester hypertensive gravidas (W. Terry Ray), 404; Correction, 433
10. Quantification of insensible water loss associated with insufflation of dry carbon dioxide gas in patients undergoing laparoscopic surgery (Andrew R. Biegner, Ronald L. Olson, Donald Anderson, Harry F. Meyers, Charles A. Vacchiano), 404
11. An innovative computer software program to track office-based anesthesia practice (David B. Mayer, Steve Marx, Susan Galvez), 405
12. The analytic effects of subhypnotic doses of propofol in human volunteers with experimentally induced tourniquet pain (Pat Riley, Michael Nick, Rick Hand, Susan Shott, Margaret Faut-Callahan), 405

Research credibility: see Guest Editorial, 575

Respiration:
Interpretation of capnography, 169; see *AANA Journal* Course: Part IV, 467

Respiratory distress syndrome:
Liquid ventilation innovations in ventilatory management, 161

Respiratory failure:
Liquid ventilation innovations in ventilatory management, 161

Resuscitation tape:
Pediatric endotracheal tube selection: A comparison of age-based and weight-based criteria, 299

A review of regional blocks for the foot, 82

Rieker, Lisa Bracamontes; Rieker, Michael P.: A comparison of the recovery times of desflurane and isoflurane in outpatient anesthesia, 183

Rieker, Michael P.: see Rieker, Lisa Bracamontes

Rigamonti, Donald D.: see Education News, 443

Ririe, Douglas: see Davis, Diane

Risk:
Hazards of nitrous oxide exposure in healthcare personnel, 390

Risk domains:
Factors that influenced six nurse anesthesia programs to close, 377

Risk management: see *AANA Journal* course-Part V, 595

Roundworm:
Ascaris lumbricoides: A case report, 88

Rush, Joanne Muzyka: see Grover, Barbara A.

S

Safety:
Hazards of nitrous oxide exposure in healthcare personnel, 390

Saphenous nerve:
A review of regional blocks for the foot, 82

Sauer, Gregory P.: see Management Briefs, 29

Scherbenske, Kelly J.; Norman, Peter: Ascaris lumbricoides: A case report, 88

Scope of practice:
see Legal Briefs, 11; Survey of nurse anesthesia practice, education, and regulation in 96 countries, 273

Sensory assessment:
Assessing sensory blockade with alcohol and pinprick after subarachnoid block, 77

Sermchief v Gonzales: see Legal Briefs, 11

Servoss Michael M.: see Grover, Barbara A.

Sheets, Donna L.; El-Azhary, Rokea A.: The Arab Muslim client: Implications for anesthesia, 304

Shott, Susan: see Education News, 287

Single procedure, direction for: see Reimbursement News, 35

Solan: Terrance G.: see Letters, 538

Smith, Deborah Ann: Hazards of nitrous oxide exposure in healthcare personnel, 390

Spinal and combined spinal epidural techniques for labor analgesia: Clinical application in a small hospital, 587

Specialized accreditation: see Education News, 113

Standards of practice: see Legal Briefs, 435

State legislation and regulations: see Practice Issues, 351

Stewart, Mike: see Letters, 538

Subarachnoid block:
Assessing sensory blockade with alcohol and pinprick after subarachnoid block, 77

Success: see On Leadership, 481

Superficial peroneal nerve:
A review of regional blocks for the foot, 82

Supervision:
see Legal Briefs, 107; Survey of nurse anesthesia practice, education, and regulation in 96 countries, 273

Sural nerve:
A review of regional blocks for the foot, 82

Swing district: see Washington Scene, 345

T

Takayasu's arteritis:
Anesthetic management of Takayasu's arteritis for extra-anatomic thoraco-abdominal aorto-aortic bypass: A case report, 187

Tape, resuscitation: Pediatric endotracheal tube selection: A comparison of age-based and weight-based criteria, 299

Tarhan, Sait: see Meyer-McCright, Anne

Tate, J. Donald: see Letters, 332

Teaching: see Education News, 559

Testing, diagnostic: see *AANA Journal* Course: Part IV, 467

3-in-1 Block: see *AANA Journal* Course: Part III, 367

Thiopental:
Study of direct variable anesthesia costs in the dilatation and curettage patient, 385

Thoracotomy:
Unexplained asystole during thoracotomy irrigation: A case report, 451

Time factors:
A comparison of the recovery times of desflurane and isoflurane in outpatient anesthesia, 183

Tobin, Mitchell H.: see Practice Issues, 351

Todd, Greta: see Washington Scene, 229

Tortious interference: see Legal Briefs, 541

Trade agreements: see Education News, 241

Traineeships: see Washington Scene, 229

Transcultural nursing:
The Arab Muslim client: Implications for anesthesia, 304

Trauma:
Ascaris lumbricoides: A case report, 88

Tube, double-lumen: see *AANA Journal* Course: Part II, 253

U

Ultra-short-acting opioid: see *AANA Journal* Course: Part I, 125

Unexplained asystole during thoracotomy irrigation: A case report, 451

V

Vagus:
Unexplained asystole during thoracotomy irrigation: A case report, 451

Vasculitis:
Anesthetic management of Takayasu's arteritis for extra-anatomic thoraco-abdominal aorto-aortic bypass: A case report, 187

Veith, Jon: see Letters, 537

Ventilation:
Liquid ventilation innovations in ventilatory management, 161; Interpretation of capnography, 169; see *AANA Journal* Course: Part II, 253; see *AANA Journal* Course: Part IV, 467

Vicarious liability: see Legal Briefs, 107

Vitamin B_{12}:
Hazards of nitrous oxide exposure in healthcare personnel, 390

Volatile agent costs:
Study of direct variable anesthesia costs in the dilatation and curettage patient, 385

W-Z

Washington Scene:
Getting politically involved, 19; Health Professions Education Partnership Act of 1998, 229; Is the control of Congress in doubt? 345; Election '98 analysis, 547

Waugaman, Wynne R.: see Education News, 559

Welliver, Mark; Kumor, Ronald: Unexplained asystole during thoracotomy irrigation: A case report, 451

World Health Organization:
Survey of nurse anesthesia practice, education, and regulation in 96 countries, 273

Young, Helen C.: see Letters (Response), 537

Zaglaniczny, Karen: see Guest Editorial, 43; 553

Zenti, Dena: see Washington Scene, 19; 345; 547